

MISSOURI DEPARTMENT OF NATURAL RESOURCES
8460 Watson Road St. Louis, Missouri 63119 (314) 849-1313

3.600 St. Louis County
West Lake Landfill, Inc.
Demolition Landfill

December 27, 1978

Mr. William Canney
West Lake Landfill, Inc.,
Route 1, Box 206
Bridgeton, MO 63042

Dear Mr. Canney:

A reinspection was made of the condition and operation of the West Lake Landfill, Inc., Demolition Landfill, St. Louis County, Missouri, on November 22, 1978. The recommendations contained in this report are based on the findings made at the time of the investigation. I trust that you will direct your attention to these findings and that you will proceed to carry out the recommendations presented.

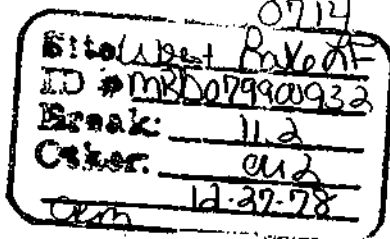
FINDINGS:

1. ~~A significant quantity of excluded wastes is still being deposited of on the site.~~
2. A list of acceptable wastes is not displayed at the site entrance.
3. ~~Some required records are still not being kept.~~
4. Daily covering efforts are improving.

DISCUSSION:

Large amounts of unacceptable materials including cardboard, paper and other treated wood wastes, mattresses, metal products and some household refuse were found on the site. Such types of solid waste are not permitted in a demolition landfill. Efforts must be intensified to prevent these materials from being deposited at this site. The major factor involved in accomplishing this appears to be one of site management, focusing on the proper education and direction being provided to the haulers to ensure their compliance in the matter. The operator explained that the situation would also be improved through better control of the salvaging process, by segregating and confining the scrap metal items to specific sectors, and by utilizing dumpster-type containers for temporary storage of these materials until they are reclaimed.

Joseph P. Teasdale Governor
Fred A. Lafser Director
St. Louis Regional Office



RECEIVED

BUREAU OF
SOLID WASTE MANAGEMENT

40249178



SUPERFUND RECORDS

DNR 0096

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3600 St. Louis County
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A list of wastes to be accepted must be prominently displayed at the entrance to the demolition site. Clearly this would help guide the haulers toward the appropriate site for particular waste loads, thereby reducing the problem of non-permitted refuse getting into the landfill.

Attention is still called to the record keeping requirement. Records must be kept on any vector control efforts, as well as any dust or litter control.


The effort to adhere to the daily cover requirement for this landfill is noted and encouraged.

RECOMMENDATIONS:

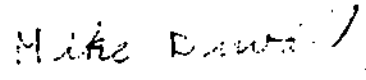
1. Prohibit the disposal of all non-permitted wastes at the demolition landfill.
2. Post the required list of acceptable wastes at the demolition site entrance.
3. Implement a records keeping procedure as applicable for this operation.
4. Continue efforts to cover all accumulated waste on a daily basis.

Should you have any questions concerning this report, contact Mike Duvall of the St. Louis Regional Office.

APPROVED:


Earl F. Holtgraewe, P.E.
Regional Administrator
St. Louis Regional Office
Department of Natural Resources

SUBMITTED BY:


Mike Duvall
Environmental Specialist II
St. Louis Regional Office
Department of Natural Resources

EFH/MD/lb

CC: Paul Himebaugh, Suite 257, 9929 Manchester Rd., Warson Woods, MO 63122
Earl Breadon, 2337 Telegraph Road, Lemay MO 63125
St. Louis County Department of Comm. Health & Medical Care
% Ray Snider
Central Office, Solid Waste Management Program

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

DEMOLITION LANDFILL SURVEILLANCE RECORD

recorded

Date: 11/22/78 Days/Week Open: 5.5

Name of Demolition Landfill: WEST LAKE LANDFILL, INC. DEMOLITION LANDFILL

Permit No: 218903 County: ST. LOUIS

Owner: WEST LAKE LANDFILL, INC. Operator: VERNON FEHR

Address: ROUTE 1, BOX 206 Address: RTE. 1, BOX 206
BRIDGETON, MO 63042 BRIDGETON, MO 63042

I. Special Conditions and Approved Modifications

A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to weekly cover requirements)

✓ Yes No

B. Is the demolition landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")

✓ Yes No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Demolition and construction waste	<u>✓</u>	<u>✓</u>	<u>✓</u>
Brush and untreated wood waste	<u>✓</u>	<u>✓</u>	<u>✓</u>
Tires	<u>✓</u>	<u>✓</u>	<u>✓</u>
Inert Plastics	<u>✓</u>	<u>✓</u>	<u>✓</u>
OTHER WASTES (SPECIFY)			<u>✓</u>
<u>HOUSEHOLD REFUSE, CARDBOARD,</u>			<u>✓</u>
<u>TREATED WOOD WASTE, METAL</u>			
<u>ITEMS, MATTRESSES</u>			

III. Remaining Life of Landfill

A. Estimated average volume of compacted solid waste received.

900 (tons, yards/day, week)

B. Estimated volume of remaining landfill covered by approved engineering plans.

60 acre feet

IV. Satisfactory Compliance Subsections Regulations 80-4.01C

Check all subsections: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary, describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(2) SOLID WASTE ACCEPTED			
(2)(C)1	Routine sanitary landfill techniques of spreading and compacting solid waste shall be used as much as practicable to dispose of solid waste in a demolition landfill.	✓	
(2)(C)2	A list of wastes to be accepted shall be displayed prominently at the site entrance.		✓
(3) SOLID WASTE EXCLUDED			
(3)(C)1	A responsible supervisor shall be present at the disposal area at all times when the area is open to receive waste.	✓	
(3)(C)2	Excluded wastes deposited removed to an approved disposal site.		✓
(4) SITE SELECTION			
(4)(C)	Site accessible by all-weather roads.	✓	
(6) WATER QUALITY			
(6)(C)1	Surface water courses and runoff satisfactorily diverted from the landfill. Demolition landfill construction and grading to promote rapid surface water runoff without excessive erosion.	✓	
(6)(C)2	Decomposable solid wastes deposited above predicted maximum water table.	✓	
(7) AIR QUALITY			
(7)(C)	No open burning without written permission from the agency having jurisdiction.		+
(8) GAS CONTROL			
(8)(C)1	Decomposition gases adequately vented to prevent danger to occupants of adjacent property.		+
(8)(C)2	Gases vented to prohibit explosive or toxic accumulations.		+
(9) VECTORS			
(9)(C)	Vector control programs implemented when necessary.	✓	
(10) AESTHETICS			
(10)(C)1	Litter collected and compacted into cell be utilized daily.		+
(10)(C)2	Wastes easily moved by wind covered as necessary.		+
(10)(C)3	On-site vegetation and natural windbreaks being utilized for litter control and aesthetic appearance.		+

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(10) AESTHETICS (continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable manner.	✓	
(11) COVER MATERIAL			
(11)(C)1	Twelve (12) inches compacted soil cover material applied at least once every seven calendar days.	✓	
(11)(C)2	Final cover of at least two (2) feet compacted soil applied on all completed areas.		+
(12) COMPACTION			
(12)(C)1A	Solid waste spread in layers not to exceed two (2) feet as much as practical.	✓	
(12)(C)1B	Solid waste compacted to smallest practical volume.	✓	
(12)(C)1C	Cover material compacted as much as practical.	✓	
(12)(C)2	Equipment available and operated to spread and compact the solid waste as received or at least when the accumulated waste reaches 200 cubic yards.	✓	
(12)(C)3	No solid waste disposed of in water where the water interfered with spreading and compacting or where the water is causing a mosquito problem.	✓	
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on all equipment.	✓	
(13)(C)2	Provisions for extinguishing fires in waste, equipment or structures.	✓	
(13)(C)3	Scavenging prohibited.	✓	
(13)(C)4	Controlled access limited to operating hours.	✓	
(13)(C)5	Traffic control signs provided.	✓	
(13)(C)6	Dust control adequate.		+
(14) RECORDS			
(14)(C)1A	Records of complaints and major problems.		+
(14)(C)1B	Records of dates of cover material application.		+
(14)(C)1C	Records of vector control efforts.		+
(14)(C)1D	Records of dust and litter control efforts.		+
(14)(C)1E	Records of quantity of waste received.	✓	
(14)(C)2	Records of location of general types of wastes and their origin.		+

V. Operation Proceeding in Accordance With Approved Engineer Plans? (If "No," describe violations under "Remarks.")

Yes ☒ No ☐

1/11 2 1979
BUREAU OF
SOLID WASTE MANAGEMENT

REMARKS SOME EXCLUDED WASTES ARE STILL BEING DUMPED ON THE DEMOLITION SITE. THE REQUIRED LIST OF ACCEPTABLE WASTES IS STILL NOT POSTED AT THE SITE ENTRANCE.

(Attach additional sheets as necessary.)

BY

Michael Duvall
SIGNATURE OF INVESTIGATOR